

INTERNATIONAL SEARCH REPORT

PCT/IB2005/051066

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/28 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/039817 A1 (LEE MAI TRANH ET AL) 26 February 2004 (2004-02-26) paragraphs '0005! - '0007!, '0026!, '0035!, '0043! - '0046!, '0072!; figure 8	1-24
Y	US 2003/118015 A1 (GUNNARSSON MAGNUS ET AL) 26 June 2003 (2003-06-26) paragraphs '0018!, '0021! - '0028! ----- -/--	1-24

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

8 June 2005

Date of mailing of the international search report

17/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Mele, M

INTERNATIONAL SEARCH REPORT

PCT/IB2005/051066

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/28768 A (TELEFONAKTIEBOLAGET LM ERICSSON) 18 May 2000 (2000-05-18) page 3, line 21 - page 4, line 5 page 10, line 26 - page 11, line 1 page 11, line 5 - page 12, line 1 page 12, line 3 - line 10 page 13, line 21 - page 14, line 13 page 15, line 4 - line 7 page 16, line 1 - line 14 figures 1,2	1-24
Y	----- US 2003/036374 A1 (ENGLISH THOMAS M ET AL) 20 February 2003 (2003-02-20) paragraphs '0164! - '0178!; figure 10	1-24
A	----- WO 03/107704 A (DOCOMO COMMUNICATIONS LABORATORIES EUROPE GMBH; PREHOFER, CHRISTIAN) 24 December 2003 (2003-12-24) page 27, line 30 - page 32, line 29 -----	1-24

INTERNATIONAL SEARCH REPORT

PCT/IB2005/051066

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004039817 A1	26-02-2004	NONE	
US 2003118015 A1	26-06-2003	NONE	
WO 0028768 A	18-05-2000	AU 1435300 A WO 0028768 A1	29-05-2000 18-05-2000
US 2003036374 A1	20-02-2003	NONE	
WO 03107704 A	24-12-2003	WO 03107704 A1 AU 2002320857 A1 EP 1512306 A1	24-12-2003 31-12-2003 09-03-2005